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## 40 C.F.R. § 721.10929

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### Single-walled carbon nanotubes (generic).

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(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substances identified generically as single walled carbon nanotubes (PMNs P-13-718, P-13-719, P-13-720, P-13-721, P-14-655, P-14-656, P-14-657, and P-14-658) are subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section. The requirements of this rule do not apply to the PMN substance when it is embedded or incorporated into a polymer matrix that itself has been reacted (cured), embedded in a permanent solid polymer form that is not intended to undergo further processing, except mechanical processing, or incorporated into an article as defined at 40 CFR 720.3(c).

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified in § 721.63(a)(1), (a)(2)(i), (a)(2)(ii), (a)(3), (a)(4), (a)(6)(particulate), (b), and (c). When determining which persons are reasonably likely to be exposed as required for § 721.63(a)(1) and (a)(4), engineering control measures (e.g., enclosure or confinement of the operation, general and local ventilation) or administrative control measures (e.g., workplace policies and procedures) shall be considered and implemented to prevent exposure, where feasible. A National Institute for Occupational Safety and Health (NIOSH)-certified air purifying, tight-fitting full-face respirator equipped with N-100, P-100, or R-100 cartridges, or power air purifying particulate respirator with an Assigned Protection Factor (APF) of at least 50 meets the requirements of § 721.63(a)(4).

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